

FORM
15Rev
10/11

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



OGCC RECEPTION

Document Number:

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EARTHEN PIT REPORT / PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days is required for pits. Submit required attachments and forms.

Form Type: ☒ PERMIT ☐ REPORT

OGCC PIT NUMBER: _____

NOTE: Operator to provide OGCC Pit Number only if available on an existing pit for pit report

OGCC Operator Number: 10439

Contact Name: Cynthia Pinel

Name of Operator: CARRIZO NIOBRARA LLC

Address: 500 DALLAS STREET #2300

Phone: (713) 358-6210

City: HOUSTON

State: TX

Zip: 77002

Email: cynthia.pinel@crzo.net

ATTACHMENTS

Detailed Site Plan

Design/Cross Sec

Topo Map

Calculations

Sensitive Area Info

Mud Program

Form 2A

Form 26

Water Analysis

Pit Location Information

Operator's Pit/Facility Name: Shull

Operator's Pit/Facility Number: 1-35-9-60

API Number (associated well): 05- 00

OGCC Location ID (associated location): 432694

Or Form 2A #

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE-35-9N-60W-6

Latitude: 40.713140

Longitude: -104.054300

County: WELD

Operation Information

Pit Use/Type (Check all that apply): Pit Type: ☒ Lined ☐ Unlined☒ Drilling: (Ancillary, Completion, Flowback, Reserve Pits) ☐ Oil-based Mud; ☐ Salt Sections or High Chloride Mud☐ Production: ☐ Skimming/Settling; ☐ Produced Water Storage; ☐ Percolation; ☐ Evaporation☐ Special Purpose: ☐ Flare; ☐ Emergency; ☐ Blowdown; ☐ Workover; ☐ Plugging; ☐ BS&W/Tank Bottoms☒ Multi-Well Pit: Construction Date: 11/01/2014 Actual or Planned: Planned

Method of treatment prior to discharge into pit: _____

Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☒ Reuse/Recycle; ☐ NPDES; Permit Number: _____

Other Information: FRESHWATER STORAGE PIT ONLY

Site Conditions

Distance (in feet) to the nearest surface water: 320

Ground Water (depth): 16

Water Well: 1620

Is this location in a Sensitive Area? Yes

Existing Location? _____

Pit Design and Construction

Size of Pit (in feet): Length: 400 Width: 400 Depth: 12 Calculated Working Volume (in barrels): 27400
0

Flow Rates (in bbl/day): Inflow: 36000 Outflow: _____ Evaporation: _____ Percolation: _____

Primary Liner. Type: LLHDPE Thickness (mil): 30

Secondday Liner (if present): Type: _____ Thickness (mil): _____

Is Pit Fenced? Yes Is Pit Netted? Yes Leak Detection? No

Other Information: NO LEAK DETECTION BUT WILL BE DOUBLE WELDED AND AIR TESTED.

Operator
Comments:

Certification

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Cynthia Pinel

Title: Regulatory Comp. Analyst

Email: cynthia.pinel@crzo.net

Date: _____

Approval

Signed: _____

Title: _____ Director of Cogcc _____

Date: _____

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Planning	The COGCC to be notified 48 hours prior to construction of the Freshwater Storage Pit.
2	Pre-Construction	Operator has designed the well pad with insloping and a storm water control ditch to prevent storm water run-onfun-off and the release of fluids from the location. See attached Construction Layout Drawing.
3	Material Handling and Spill Prevention	Operator will implement best management practices to contain any unintentional release of fluids. Freshwater for the Freshwater Sotrage Pit comes from water provider; water sources. Permitted for consumbable industrial use Operator shall not allow any fluids to flow back to the Freshwater Storage Pit/Pond. Freshwater Storage Pit shall contain freshwater only and signage prohibiting the use of the pit for any fluid that does not come from municipal, irrigation or surface water source.
4	Drilling/Completion Operations	The location will be fenced and fenced area will include the Freshwater Storage Pit. Freshwater Storage Pit will be screened off.

Total: 4 comment(s)

CONDITIONS OF APPROVAL: